

### Abstract

A printed circuit board has a dielectric constant different from the dielectric constant of free space, with at least two microstrip lines routed adjacent to one another on a surface of the printed circuit board. A dielectric coating is applied to at least one of the at least two microstrip lines such that the dielectric constant of the dielectric coating differs from the dielectric constant of free space. In a further embodiment, the dielectric coating comprises a material having a dielectric constant approximately equal to the dielectric constant of the printed circuit board.

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